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is unwarranted by the facts cited or actual sections shown. Illustration of the descriptive geology would be improved with more diagrammatic figures in the text. There is a prejudice among scientists against text-figures in monographs; it seems to the writer that brevity and precision are the first requirements of a modern scientific work, and sometimes a text-figure will save referring to a remote plate, or reading a page of otherwise obscure statement.

T. A. J., JR.

Maryland Weather Service.¹—If the plans of the Maryland Weather Service and Geological Survey are carried out to a finish, that state will in a few years have the most complete record of natural resources ever made for a single area. The Weather Service proposes to investigate land forms, weather, water, climate, soil, forestry, crops, fauna, and flora; the Geological Survey is studying earth physics, rocks, and minerals. Both organizations are under the efficient management of Professor William Bullock Clark, supported by state funds and by a corps of scientific assistants picked from Johns Hopkins University.

The first volume of the Maryland Weather Service is issued in the same size and style as the Geological Survey, with lavish illustration in the form of maps, charts, half-tones, heliotypes, and colored plates. The colored cloud pictures of the Hydrographic Office are reproduced. In the introduction Professor Clark states the plan and organization of the service. Cleveland Abbe, Jr., has a chapter on the physiography of the state. Meteorology is treated by Cleveland Abbe, of the U. S. Weather Bureau, F. J. Walz, and O. L. Fassig. The same thorough reconnoissance of the field is shown in this volume as in the early volumes of the Geological Survey. Professor Abbe's chapter on Aims and Methods of Meteorological Work is a complete statement of modern methods of studying the weather, with illustrations of all the instruments used. Other chapters are historical, statistical, and bibliographical.

T. A. J., JR.

Experimental Geology.²—The course of public lectures given by M. Stanislas Meunier in the Natural History Museum of the Jardin des Plantes in 1898 has been published in a small volume in popular form. The work is divided into two parts; the first deals with experimental imitation of surface processes in geology, denudation,

¹ *Maryland Weather Service*, vol. i. Johns Hopkins Press, 1899.

² Meunier, Stanislas. *La géologie expérimentale*. Paris, 1899.